

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF TRAFFIC SIGNAL AT THE INTERSECTION OF MD 713 (RIDGE ROAD) AND TEAGUE ROAD IN ANNE ARUNDEL COUNTY TO CHANGE NORTHBOUND MD 713 LEFT TURN PHASE FROM EXCLUSIVE TO EXCLUSIVE/PERMISSIVE. MD 713 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE. THERE IS AN EXCLUSIVE LEFT TURN PHASE FOR THE SOUTHBOUND MD 713 APPROACH AND EXCLUSIVE/PERMISSIVE LEFT TURN PHASE FOR NORTHBOUND MD 713 APPROACH. MD 713 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY AND TEAGUE ROAD THROUGH MOVEMENTS WILL ALSO OPERATE CONCURRENTLY. THERE IS AN ALTERNATE PEDESTRIAN PHASE ACROSS THE NORTH LEG AS WELL AS A CONCURRENT PEDESTRIAN PHASE ACROSS THE WEST LEG.

EQUIPMENT LIST FOR CONTRACT NO. XX6475183

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8001	7	EA	12 INCH LED SIGNAL HEAD SECTION
8004	3	EA	8 INCH LED SIGNAL HEAD SECTION
8023	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8028	1	EA	VIDEO DETECTION CAMERA AND CABLE ANY LENGTH

C. EQUIPMENT TO BE REMOVED.

ALL EXISTING SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.

CONTACTS

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Mr. Joseph Geckle
Assistant District Engineer - Maintenance
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Mr. Mike Huber
Utility Engineer
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Mrs. Corren Johnson
Chief, Traffic Operations Division
Phone: (410) 787-7630

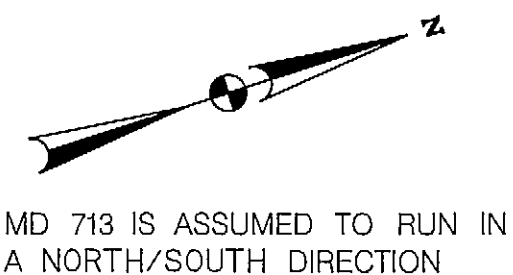
Mr. Edward Rodenhizer
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Mr. Sonny Bailey
Manager, Sign Operations
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Mr. Mike Stocker
OOTs, Signal Warehouse
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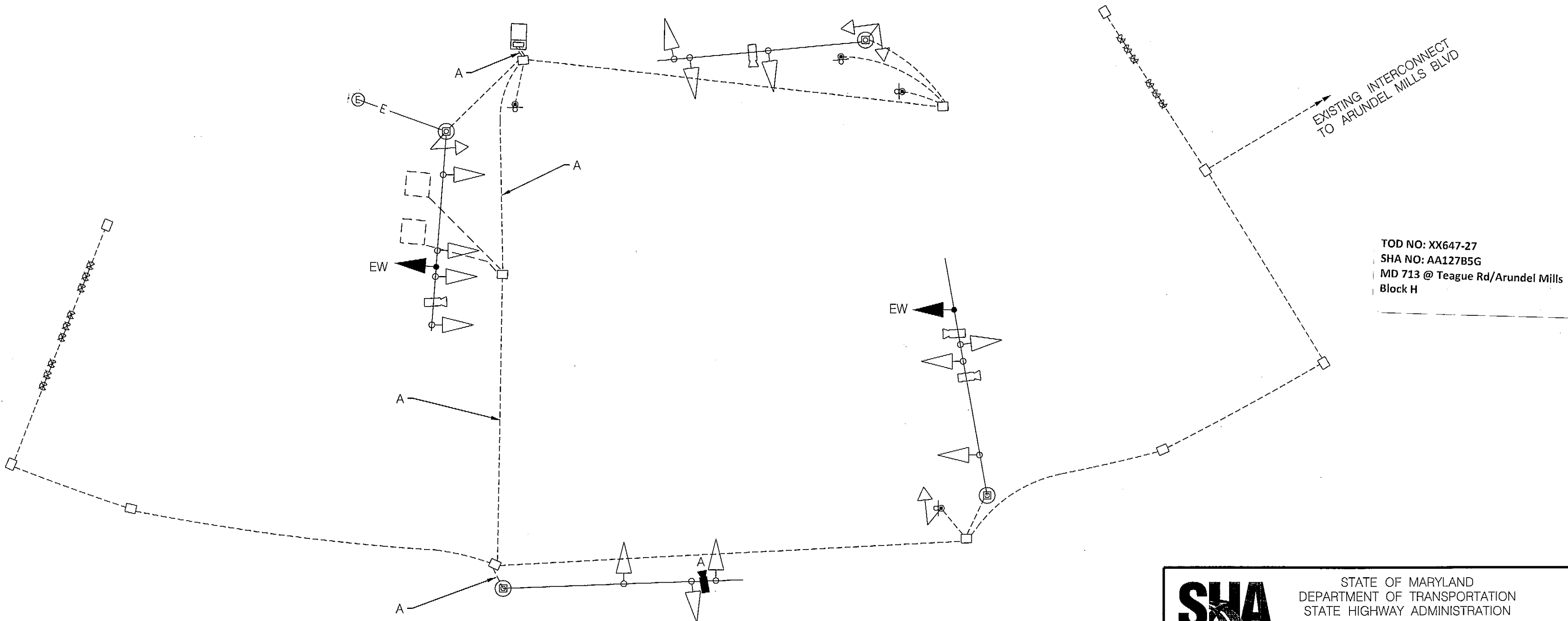
PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
PHASE 1 AND 5	+G/R	+G/R	R	R	+G	+G	+G	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																			
PHASE 1 AND 6	+G/G	+G/G	G	G	+R	+R	+R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 CHANGE	+Y/G	+Y/G	G	G	+R	+R	+R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 5	R	R	R	R	+G	+G	+G	G	G	R	R	R	R	R	R	DW	DW	DW	DW
5 CHANGE	R	R	R	R	+Y	+Y	+Y	G	G	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 6	G	G	G	G	+R	+R	+R	G	G	R	R	R	R	R	R	WK	WK	DW	DW
PED CLEARANCE	G	G	G	G	+R	+R	+R	G	G	R	R	R	R	R	R	FL/DW	FL/DW	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	+R	+R	+R	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 AND 8	R	R	R	R	+R	+R	+R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
4 AND 8 CHANGE	R	R	R	R	+R	+R	+R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 4 AND 8 ALT	R	R	R	R	+R	+R	+R	R	R	G	G	G	G	G	G	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	+R	+R	+R	R	R	G	G	G	G	G	G	DW	DW	FL/DW	FL/DW
4 AND 8 ALT CHANGE	R	R	R	R	+R	+R	+R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK



MD 713 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

WIRING DIAGRAM



WIRING KEY
A } VIDEO CAMERA CABLE
EW- USE EXISTING CABLE

SHA		STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 713 (RIDGE ROAD) AND TEAGUE ROAD/ARUNDEL MILLS H BLOCK HANOVER, MD	
GENERAL INFORMATION PLAN SHEET			
SCALE NONE ADVERTISED DATE 06/2013 CONTRACT NO. XX6475185			
DESIGNED BY JC		COUNTY ANNE ARUNDEL	
DRAWN BY JC		LOGMILE 2071302.37	
CHECKED BY RM		TIMS NO. 1925	
F.A.P. NO.		TOD NO.	
TS NO. 4240C	DRAWING SG-2	OF 2	SHEET NO. 2 OF 2

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PLOTTED: Tuesday, May 28, 2013 AT 01:23 PM
FILE: P:\08-002 TEDD\Task 120 MD 713 @ Teague Rd\Drawings\CADD\Working\p83-P003_M713@Teague.dgn

BY: fanyong